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DYNAMICS OF DISTRIBUTION AND DENSITY OF PHREATOPHYTES  
AND OTHER ARID-LAND PLANT COMMUNITIES

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Type I Progress Report for Period 1 January 1973 - 28 February 1973

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Type I Progress Report  
ERTS-1

a. Title: Dynamics of Distribution and Density of Phreatophytes and other Arid-land Plant Communities

ERTS-1 Proposal No. : SR 342-8

b. GSFC ID No. of P.I.: IN 411

c. Statement and explanation of any problems that are impeding the progress of the investigation: None

d. Discussion of the accomplishments during the reporting period and those planned for the next reporting period: Field measurements of plant coverage will be made with each ERTS cycle. During the next reporting period, the PI will visit Stanford Research Institute and work with scientists there perfecting techniques for measuring changes in plant coverage on ERTS imagery.

e. Discussion of significant scientific results and their relationship to practical applications or operational problems including estimates of the cost benefits of any significant results (To be prepared in scientific abstract form of 200 words or less): None

f. A listing of published articles, and/or papers, pre-prints, in-house reports, abstracts of talks, that were released during the reporting period: Paper presented at ERTS Symposium entitled, "Use of the SRI Satellite Image Analysis Console for Mapping Southern Arizona Plant Communities from ERTS-1 Imagery."

g. Recommendation concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system: None

h. A listing by date of any changes in Standing Order Forms: None during report period

i. ERTS Image Descriptor forms: None

j. Listing by date of any changed Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period: None

k. Status of Data Collection Platforms (if applicable): N/A